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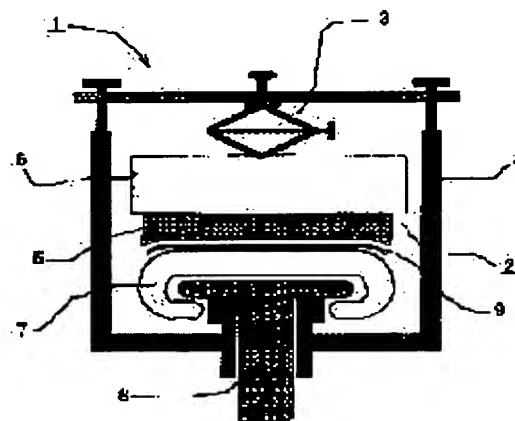
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(54) HEAT TRANSFER SHEET STICKING DEVICE FOR PASSENGER CONVEYOR MOVING HANDRAIL

(57)Abstract:

PROBLEM TO BE SOLVED: To eliminate any special skill requested to a worker, shorten working time, and increase a reliability in a sticking device for sticking a patterned heat transfer sheet onto a moving handrail of a passenger conveyor.

SOLUTION: This sticking device 1 comprises a heating part 2 for heating a heat transfer sheet 9, a pressing part 3 for pressing the heating part 2 against a moving handrail 7, and a fixed part 4 fixed to a handrail part 8 of a passenger conveyor and holding the heating part 2 and pressing part 3 on the moving handrail 7. By this, the heat transfer sheet 9 is allowed to be heated and pressed uniformly without relying upon the manual operation of a worker. In this case, when the heating part 2 comprises a heat conducting part 5 formed of a flexible material and pressed against the heat transfer sheet 9, nonuniform heating and nonuniform pressing can be avoided by deflecting the heat conducting part 5 along the curved surface of the moving handrail 7. Also, when the heating part 2 comprises a plurality sets of heat conducting parts 5 and heating parts 6 along the longitudinal direction of the moving handrail 7, the heating and pressing area can be changed properly according to the length dimension of the heat transfer sheet 9.



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